

Useful Conversion Factors

<p style="text-align: center;">LENGTH</p> <p>1 kilometer = 1000 meters 1 meter = 100 centimeters 1 meter = 1000 millimeters 1 meter = 10^9 nanometers 1 meter = 10^{12} picometers</p> <p>1 inch = 2.54 centimeters 1 mile = 1.6093 kilometers 1 meter = 39.37 inches = 1.0936 yards</p> <p>1 yard = 3 feet 1 mile = 5,280 feet</p>	<p style="text-align: center;">VOLUME</p> <p>1 m^3 = 1000 L 1 cm^3 = 1 mL 1L = 1000mL</p> <p>1 gallon = 4 quarts = 8 pints = 16 cups 1 quart = 57.75 in^3</p> <p>1 ft^3 = 28.32 L 1L = 1.057 quarts</p>
<p style="text-align: center;">MASS</p> <p>1 kilogram = 1000 grams 1 gram = 1000 milligrams 1 metric ton = 1000 kilograms</p> <p>1 pound (lb) = 16 ounces 1 short ton = 2000 pounds</p> <p>1 pound = 453.6 grams 1 gram = 0.03527 ounces 1 kilogram = 2.2046 pounds 1 metric ton = 1.102 short tons</p>	<p style="text-align: center;">ENERGY</p> <p>1 calorie = 4.184 Joules 1 kilocalorie = 1000 calories 1 kilojoule = 1000 joules 1 Calorie = 1000 calories</p>
<p style="text-align: center;">PRESSURE</p> <p>1 atmosphere (atm) = 760 mm Hg = 29.92 in Hg = 101.3 kPa = 101,300 Pa = 14.7 psi = 760 torr = 1.01 bar</p>	